

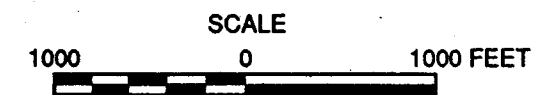
BASE FROM USGS 7.5 MINUTE RETALUMA RIVER AND SEAS POINT QUADRANGLE TOPOGRAPHIC MAPS, 1954, PHOTOREVISED 1980 AND 1951, PHOTOREVISED 1968, RESPECTIVELY.

EXPLANATION

- Qal** **ALLUVIUM:** SILTY CLAY TO SANDY CLAY; INTERBEDDED WITH CLAYEY SAND; LOCALLY, LENSES OF SILTY TO GRAVELLY SANDS.
- Qlso** **OLD LANDSLIDE DEPOSIT:** SILTY CLAY TO SANDY CLAY.
- Pp** **PETALUMA FORMATION:** PLIOCENE AGE; SHOWN WHERE NOTED IN EXPOSURES; INCLUDES CLAYSTONE (cs), SANDSTONE (ss) AND CONGLOMERATE (cgl).
- Psv** **SONOMA VOLCANICS:** PLIOCENE AGE; SHOWN WHERE NOTED IN EXPOSURES; INCLUDES ANDESITE (an), RHYOLITE (rh), ASHFLOW TUFF (tf), AGGLOMERATE (ag).
- KJfs** **FRANCISCAN COMPLEX:** SHOWN WHERE NOTED IN EXPOSURES; INCLUDES GRAYWACKE (gw), GREENSTONE (gn), MELANGE (me).
- APPROXIMATE GEOLOGIC CONTACT
- - -** FAULT, DASHED WHERE UNCERTAIN, DOTTED WHERE CONCEALED
- 45°** STRIKE AND DIP OF BEDDING
- CS x x x an** OBSERVED OUTCROP
- SPRING
- TC-B9 ●** EXPLORATION BORING
- TC-P22 □** TEST PIT
- TC-T2** EXPLORATION TRENCH
- TC-SL5** SEISMIC LINE

- NOTES: 1. GEOLOGIC FEATURES SHOWN INCLUDING OUTCROPS, SPRINGS AND LANDSLIDES WERE NOTED DURING SITE RECONNAISSANCE MAPPING ON OCTOBER 12-13, 1994 AND OCTOBER 28-31, 1994.
2. SEE FIGURE 4-12 FOR SITE GEOLOGIC AND EXPLORATION MAP OF THE TOLAY CREEK MAIN DAM SITE AREA, INCLUDING GEOLOGIC FEATURES, DAM LAYOUT, AND BORROW AREAS.

- IMPervious BORROW AREA**
 - EARTH/ROCK BORROW AREA (OUTSIDE RESERVOIR - ONLY AREA WITHIN SURVEY LIMIT ASSUMED FOR DESIGN)**
- NOTE: ONLY THE PRIMARY IMPERVIOUS BORROW SOURCE AREAS AND POTENTIAL EARTH/ROCK BORROW SOURCE AREA OUTSIDE THE RESERVOIR AREA ARE SHOWN. SOURCES OF OTHER ON-SITE CONSTRUCTION MATERIALS WITHIN THE RESERVOIR AREA ARE NOT OUTLINED. REFER TO THE REPORT FOR EXPLANATION OF ALL BORROW SOURCES.



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SITE GEOLOGIC AND EXPLORATION MAP TOLAY CREEK RESERVOIR SITE	PROJECT NO.
	88230
	DATE
	OCTOBER 1995
SANTA ROSA SUBREGIONAL LONG TERM WASTEWATER PROJECT	FIGURE NO.
	4-11